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Patent

AMENDMENT TO THE CLAIMS

1. (currently amended) A method for processing a change of state in a responsive environment comprising:

determining a type of response that the environment should provide in response to the change of state;

defining response descriptions for the needed response instance having needed inputs in an application model;

storing the needed inputs in the response description;

creating a new notification;

defining a new notification description in a notification model;

associating the response descriptions within the new notification description;

and

then providing the new notification to a notification manager, wherein the notification manager is configured to receive a plurality of new notifications for a user received over time and to receive response to the plurality of the new notifications from the user at the convenience of the user.

2. (original) The method of claim 1, wherein:
the response comprises launching an application.

3. (original) The method of claim 1, wherein:
the response comprises effecting a further change of state.

4. (original) The method of claim 1, wherein:
the response comprises launching an application and effecting a further change of state.

5. (currently amended) The method of claim 1, further comprising:
determining if the response includes an immediate response event; and

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if the response includes an immediate response event, initiating the immediate response event before providing the new notification to the ~~[[a]]~~ notification manager.

6. (original) The method of claim 5, wherein:
the response comprises launching an application and the immediate response event comprises effecting a further change of state.

7. (currently amended) A method for processing a response notification selection from a user in a responsive environment comprising:
reporting to the responsive environment that the user has selected the response notification;
accessing the description for a notification object corresponding to the selection from a notification model;
retrieving a the URI for a corresponding application;
retrieving a ~~the~~ description of the application;
displaying information about the notification and application parameters to the user; and
querying the user to allow the user the opportunity to accept or reject the notification from a list including a plurality of notifications received over time.

8. (original) The method of claim 7, further comprising:
changing the environment context in response to the selection.

9. (currently amended) The method of claim 8, wherein:
changing the environment context in response to the selection comprises notifying an ~~the~~ initiator of an ~~the~~ initial message.

10. (original) The method of claim 7, further comprising:
terminating processing of the response notification if the user rejects the response notification.

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11. (original) The method of claim 10, wherein:
terminating processing comprises terminating an application.

12. (original) The method of claim 7, further comprising:
querying the user to allow the user the opportunity to explicitly accept the
notification.

13. (original) The method of claim 12, further comprising:
if the notification is accepted, launching the application using the application
parameters.

14. (original) The method of claim 12, further comprising:
querying the user to allow the user the opportunity to accept the notification and
to provide input to change the application parameters.

15. (original) The method of claim 14, further comprising:
if the user provides input to change the application parameters, creating new
application parameters based upon user input.

16. (original) The method of claim 15, further comprising:
launching the application using the new application parameters.

17. (currently amended) A system for providing delayed function activation in a
responsive environment comprising:

means for determining the type of response that the environment should
provide in response to the change of state;

means for defining response descriptions for the needed response instance in
an application model;

means for storing the needed inputs in the response description;

means for creating a new notification;

means for defining a new notification description in a notification model;

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means for associating the response descriptions within the new notification description; and

means for providing the new notification to a notification manager, wherein the notification manager is configured to receive a plurality of new notifications to a user received over time and to receive response to the plurality of the new notifications from the user at the convenience of the user.

18. (new) The method of claim 12, further comprising:

processing a default implicit answer to the query using a timer wherein expiration of a time out count results in a selection of the default implicit answer.

19. (new) The method of claim 12, further comprising:

permitting the user to further delay accepting or rejecting the notification.

20. (new) The method of claim 1, wherein:

providing the new notification to a notification manager comprises displaying a non-intrusive icon in a window.